

BART Agreement Number: 6M8181

Approval Date: 02/14/22

Work Plan No. B.03-01 – Lidar Systemwide Survey Control

Scope:

The scope of services will include project management, survey control establishment, aerial mapping control and imaging, and documentation including control recovery forms. The scope of services is broken down into the following tasks:

- Task 01: Project Management

This task will include planning, coordination, and scheduling. This will be inclusive in each part of the work.

- Prepare project implementation plan to include work plan and schedule
- Coordinate with BART to obtain right of way entry authorization
- Obtain support from BART including personnel, equipment, and on-track vehicles
- Prepare list of equipment and personnel

- Task 02: Set up Survey Control Points

This task will include setting multiple levels of the survey control network for the entire BART system. Procedures are described as follow:

- 2a. Primary Project Control
 - Download datasheets and navigation data from 1-second stations provided by LeicaSmarnetNA Network
 - Validate positional accuracy using 24 hours of downloaded RINEX data

Prime: Atkins

Subconsultant	Amount	DBE (Y/N)	SBE (Y/N)
RSE Corp	\$ 1,208,116	Y	Y

Total Work Plan Value: \$ 1,413,517